

Title (en)

A two-components pressure feed system

Title (de)

System zum Fördern unter Druck von zwei Komponenten

Title (fr)

Système à deux composants sous pression

Publication

EP 0750946 A2 19970102 (EN)

Application

EP 96303529 A 19960517

Priority

GB 9511872 A 19950612

Abstract (en)

A multi-component feed system to feed two fluid materials from a feed tank to a spraygun is described. The combined pressure feed tank comprises a pressure feed tank (1) with a lid (2). Inside the tank (1) is a removable support structure (3) having a cone-shaped member (4) with a central chamber (5) supporting a second container (6) closed by a lid (7). A splash-proof membrane (8) extends between the inner wall of container (1) and the outer wall of container (6), to protect a second fluid component (B), e.g. a catalyst, from entering the lower chamber (5) of tank (1). Air is fed to containers (1) and (6) via regulator (14), regulator pipe (14a) and lid (2) through aperture (7a) in lid (7). Pressure air feeds component (A) via tube (10) and component (B) via tube (11) to a spray gun, where components (A) and (B) combine to be sprayed. <IMAGE>

IPC 1-7

B05B 7/24

IPC 8 full level

B05B 7/24 (2006.01); **B05B 15/25** (2018.01); **B05B 7/32** (2006.01); **B05B 15/00** (2006.01)

CPC (source: EP US)

B05B 7/24 (2013.01 - EP US); **B05B 7/2497** (2013.01 - EP US); **B05B 15/25** (2018.01 - EP US); **Y10T 137/3124** (2015.04 - EP US); **Y10T 137/3127** (2015.04 - EP US); **Y10T 137/4824** (2015.04 - EP US)

Cited by

CN104395001A; US7217442B2; WO03053600A1

Designated contracting state (EPC)

DE ES FR GB IT PT SE

DOCDB simple family (publication)

EP 0750946 A2 19970102; **EP 0750946 A3 19980107**; CA 2178564 A1 19961213; GB 9511872 D0 19950809; JP H091003 A 19970107; US 5678591 A 19971021

DOCDB simple family (application)

EP 96303529 A 19960517; CA 2178564 A 19960607; GB 9511872 A 19950612; JP 14876396 A 19960611; US 65043296 A 19960520